



11-Oct-2012

Clinical Reference Laboratory  
 CHIA #17D0667123, #17D2005163, SAMBSA #0007, CAP #30211-03 12:44

**PIPELINE TESTING CONSORT**

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 COLL. SITE ID: N/S

NAME: 2013672889  
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 GENDER: N/S  
 SLIP ID: 2013672889  
 REF ID: CORNAPOLIS #110  
 BRANCH: ENTERPRISE TRANSPORTATION  
 SAMPLE ID: 83435752  
 COLLECTED: 10/09/12  
 RECEIVED: 10/10/12  
 REPORTED: 10/11/12  
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COLL. NAME: KELLY WITHELM

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**REASON FOR TESTING: RANDOM**

SAMPLE TYPE: SAMBSA DRUG SCREEN

Testing authority: Federal Motor Carrier Safety Administration

**INITIAL TEST**

| TEST                         | RESULT / STATUS | CUTOFF/EXPECTED VALUES   |
|------------------------------|-----------------|--------------------------|
| MARHEMINE (CLASS) SCR (500)  | NEGATIVE        | 500 ng/mL                |
| ECSTASY SCREEN (500)         | NEGATIVE        | 500 ng/mL                |
| COCAINE METABOLITE SCR (150) | NEGATIVE        | 150 ng/mL                |
| OBIVATES SCREEN (2000)       | NEGATIVE        | 2000 ng/mL               |
| MARIJUANA METABOLITE (10)    | POSITIVE        | 50 ng/mL                 |
| 6-AM SCREEN                  | NEGATIVE        | 10 ng/mL                 |
| PHENCYCLIDINE                | NEGATIVE        | 25 ng/mL                 |
| CONTRIBUTION                 |                 |                          |
| 65/MS MARIJUANA METABOLITE   | 29 POSITIVE     | CUTOFF VALUE<br>15 ng/mL |

RESPONSIBLE PERSON: JOHN TRYNG, MS, RP

REPORT CERTIFIED BY LYNDIA BURDYGOVA

**§ 40.87 What are the cutoff concentrations for drug tests?**

(a) As a laboratory, you must use the cutoff concentrations displayed in the following table for initial and confirmatory drug tests. All cutoff concentrations are expressed in nanograms per milliliter (ng/mL). The table follows:

| Initial test analyte         | Initial test cutoff concentration | Confirmatory test analyte    | Confirmatory test cutoff concentration |
|------------------------------|-----------------------------------|------------------------------|--|
| Marijuana metabolites        | 50 ng/mL                          | THCA <sup>1</sup>            | 15 ng/mL                               |
| Cocaine metabolites          | 150 ng/mL                         | Benzoylgonine                | 100 ng/mL                              |
| Opiate metabolites           |                                   |                              |  |
| Codine/Morphine <sup>2</sup> | 2000 ng/mL                        | Codine                       | 2000 ng/mL                             |
|                              |                                   | Morphine                     | 2000 ng/mL                             |
| 6-Acetylmorphine             | 10 ng/mL                          | 6-Acetylmorphine             | 10 ng/mL                               |
| Phencyclidine                | 25 ng/mL                          | Phencyclidine                | 25 ng/mL                               |
| Amphetamines <sup>3</sup>    |                                   |                              |  |
| AMP/MA/MP <sup>4</sup>       | 500 ng/mL                         | Amphetamine                  | 250 ng/mL                              |
|                              |                                   | Methamphetamine <sup>5</sup> | 250 ng/mL                              |
| MDMA <sup>6</sup>            | 500 ng/mL                         | MDMA                         | 250 ng/mL                              |
|                              |                                   | MDA <sup>7</sup>             | 250 ng/mL                              |
|                              |                                   | MDEA <sup>8</sup>            | 250 ng/mL                              |

<sup>1</sup> Delta-9-tetrahydrocannabinol-9-carboxylic acid (THCA).

<sup>2</sup> Morphine is the target analyte for codine/morphine testing.

<sup>3</sup> Either a single initial test kit or multiple initial test kits may be used provided the single test kit detects each target analyte independently at the specified cutoff.

<sup>4</sup> Methamphetamine is the target analyte for amphetamine/methamphetamine testing.

<sup>5</sup> To be reported positive for methamphetamine, a specimen must also contain amphetamine at a concentration equal to or greater than 100 ng/mL.

<sup>6</sup> Methylphenethylamphetamine (MDMA).

<sup>7</sup> Methylphenethylamphetamine (MDA).

<sup>8</sup> Methylphenethylamphetamine (MDEA).

(b) On an initial drug test, you must report a result below the cutoff concentration as negative. If the result is at or above the cutoff concentration, you must conduct a confirmation test.

(c) On a confirmation drug test, you must report a result below the cutoff concentration as negative and a result at or above the cutoff concentration as confirmed positive.

(d) You must report quantitative values for morphine or codeine at 15,000 ng/mL or above. [65 FR 79526, Dec. 19, 2000, as amended at 75 FR 49862, August 16, 2010; 77 FR 26473, May 4, 2012]

**§ 40.177 What does the second laboratory do with the split specimen when it is tested to reconfirm the presence of a drug or drug metabolite?**

(a) As the laboratory testing the split specimen, you must test the split specimen for the drug(s)/drug metabolite(s).

(b) You must conduct this test without regard to the cutoff concentrations of § 40.87, detected in the primary specimen.

(c) If the test fails to reconfirm the presence of the drug(s)/drug metabolite(s) that were reported positive in the primary specimen, you must conduct validity tests in an attempt to determine